

INFORMATION REPORT

CD NO.

COUNTRY Hungary

DATE DISTR. 23 OCT 50

SUBJECT The Aluminum Industry

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25X1A

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SUPPLEMENT TO  
REPORT NO.

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1. The Hungarian over-all production of aluminum metal for 1949 amounted to 20,000 tons.
2. Special efforts were being made to develop the plant at Felsőgalla.
3. There was no information regarding any projected new plant for aluminum products at Mohács.

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4. The annual quantity of bauxite capable of being treated by the three aluminum plants in 1949 is as follows:

Almasfüzitő: 200,000 tons (planned, unlikely that this capacity will be reached)

Várpalota: 16,000 "

Magyaróvár: 20,000 "

Magyaróvár

5. Consumption of raw material per day:

12-13 trucks of coal, 4,000 calories.

6 trucks of bauxite.

1 - 1½ tank trucks of fuel oil.

The bauxite is unloaded on the loading platforms, but a stock pile is built up around the storage sheds, particularly in the autumn, when supplies are being prepared for the winter closing of the bauxite mines.

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CENTRAL INTELLIGENCE AGENCY

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6. Installations

The installation includes 12 "Kelly" filters (for extraction of iron, titanium, etc.). There is also a 2 m. long rotary furnace (for the extraction of water), which is heated by oil, and an installation of the Swiss type, for production of Na OH out of red scrap. It is planned to install a "Körting" and a "Hydraulisor", but they are not in use at present.

7. The agitator tanks are open at the top and each has a 4 h.p. motor. Sodium (aluminate) is agitated for 48 hours in the tanks and treated with  $Al_2 O_3 H_2$ . The quantity and time of treatment is the key to the production.

8. Power supply

There are seven furnaces, fed by a conveyor belt at the rate of two tons of coal per hour, and two turbines. The plant can also obtain electric and steam power from the Ovirt Works, 600 meters toward the east. For this purpose a connecting steam pipe has been laid.

9. There are 400 workers, 100 of whom work on the processing of scrap.

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